

Product datasheet for **MG214878**

Vmn1r93 (NM_207547) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Vmn1r93
Synonyms:	Vlrd21
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG214878 representing NM_207547
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTCTGTTCTGGTAAATCCCTGAAAACCACTGAGGAAGTGGCTCTTCAGATCATTTTGCTTTGCCAGT
TTGGGGTTGGGACCATGGCCAATGTCTTCCGTGTTGTCCATAATTTCTCTCCAGTCTTGACTGGTTCTAA
ACAGAGGCCAGACAGGTGATTTTAAGCCACATGGCTGTGGCCAATGCCTTGACTCTATTCCTCACTGTA
TTTCCAAACAACATGATGGCTTTTGCTCCAAGAAATCCTCCAACCTGAACTCAAATGTAATTAATAATCT
TCAGTCACCTGGTGACAAGAAGCACAAAATTTGTGTTCCACCTGTGCTCAGTATCCATCAGTTTGTCAT
TCTGGTTCCTATTAGTAGAGGTAACCTTCTACTCAGAGCAAGTGTCCAAATTTGGTGAGTTATTCTTGT
TACGGTTGTTGGTTTTTCAGTGTCTTAAGTAACATCCACATTCCAATTAAGGTCAGTGGTCCACAGATAA
CAGACAATAACACTGACTCTAAAAGCAAGTTTTCTGTTCCACTTCTGGATTCAGTGAAGAATTGTCTT
CTTGCAGTTTTCCCATGATGCCACATTCATGAGCATCATGGTCTGGACCAGTGTCTCCATGGTACTTCTC
CTCCATAGACATCGCCAGCGAATGCAGCACATCCTCACTCCCAATCAGGACGCCAGAGGCCAAGCTGAGT
CCAGAGCAACCCATACTATCCTGATGCTGGTGGTCACATTTGTTAGCTTTTATCTTCTAAATTTTATTTG
TATCATCTTTCATACCTTTTTTATACATTATAATTTATTCATACGGCTTCTTGGTGAGATTTTGGCTGCA
GGTTTCCCTACTATTTCCCTTACTGTTGATCTTCAGAGATCCTAAGAATCCTGTCTTGAGCTCTCC
ACTGTTTTAAACCAGAGTCGCTACAAAATTTGAAACACAGAAGACAGCTTCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >MG214878 representing NM_207547
 Red=Cloning site Green=Tags(s)

MSVRGKSLKTTTEVALQIILLCQFVGVTMANVFLFVHNFSPVL TGSKQRPRQVILSHMAVANALTLFLT
 VFPNNMAFAPRNPTELKCKLKFFSHLVTRSTNL CSTCVLSIHQFVILVPI SRGKLLLRASV PNLVSYSC
 YGCWFFSVLSNIHIPIKVTGPQITDNTDSKSKFFCSTSGFTVRI VFLQF SHDATFMSIMVWTSVSMVLL
 LHRHRQRMQHILTPNQDARGQAESRATHILMLVVT FVSFYLLNFICII FHTFFIHYNLFIRLLGEILAA
 GFPTISPLLLIFRDPKNPCLELFHCFKPE SLQNLKHRRLH

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



ACCN: NM_207547

ORF Size: 963 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_207547.2](#), [NP_997430.2](#)

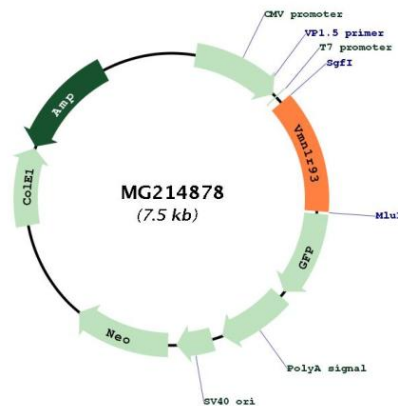
RefSeq Size: 966 bp

RefSeq ORF: 966 bp

Locus ID: 404290

Cytogenetics: 7 A3

Product images:



Circular map for MG214878